

Math 2

“Dare to Soar”

Spring 2015

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Course Overview

The WCPSS mathematics courses address the curriculum that all students should study in high school to be college and career ready.

The high school standards address six conceptual categories that provide a coherent view of college-prep mathematics. The courses are designed to spiral through these categories in increasing levels of depth and rigor. The categories addressed are

- Number and Quantity
- Algebra
- Functions
- Modeling
- Geometry
- Statistics and Probability



In Math 1, students were introduced to high school mathematics and the use of technology to address real world applications. Math 2 builds on this foundation and starts to explore the mathematical underpinnings of things learned in the first course. In Math 2, students will go beyond rote use of technology to build a foundation of underlying mathematics. Following this course, students will advance to Math 3, which will continue the spiraling through the six categories with advanced topics and development of mathematic proofs.

Textbook

While some resources and activities may be drawn from various textbooks, there is no designated textbook for this course. All necessary materials will be provided through printed packets and/or posted on Blackboard.

Extra Help

Extra help will be available during lunch tutorials on **Monday and Wednesday**. Students are required to attend at least 2 tutorials per quarter.

A list of area tutors can be provided on request.

Calculators

All students are required to have a TI-83 Plus or TI-84 Plus or (Silver Edition) calculator. If there is a financial burden, please contact your teacher to work out arrangements for a loaner.

Frequently Asked Questions

What is the grading policy?

Graded assignments, quizzes and tests are each assigned a number of points. Quarter grades are calculated by dividing the total number of points earned by the number of points that were possible. There are typically 3 tests per quarter and they are worth 100 points each. There are typically 5-7 quizzes per quarter and they are worth from 25-50 points each. Other assignments are typically worth 10-20 points. All of the tests together typically account for approximately 50% of each quarter grade, quizzes and in-class activities and projects typically count approximately 40%, and homework 10%. These percentages are estimates and will likely vary slightly, depending on the exact number and nature of assignments, quizzes, and tests.

How often will there be homework?

Students will have homework on most nights. If you are absent, you must still do the homework to receive credit. Late homework is not accepted.

What is the final?

The final exam is the North Carolina Final Exam and will count for 20% of the final course grade. Final exam requirements are determined by the state and county boards of education and are subject to change.

Can I earn extra-credit?

The Green Hope High School Grading Committee, based on the recommendation of the faculty and staff, endorses the belief that extra credit and bonus points will no longer be incorporated into our grading practices. Research has proven that extra credit and bonus points distort a student's record of achievement.

At the end of each quarter, students will be given an assessment covering material from the entire quarter. The score on this assessment will replace the lowest test grade in that quarter. If the assessment is not better than the lowest test grade, then the AOM will not count.

What is the tardy policy?

Students are expected to be in their seats, ready to start class, when the bell rings.

1st offense: warning

2nd offense: parent contact

3rd offense: parent contact and/or detention

4th offense: referral to administration

What is the discipline policy?

1st offense: verbal warning

2nd offense: detention and/or parent contact

3rd offense: removal from classroom, parent contact, referral to administration

What if I am absent?

Assignments for absences other than illness are due on the first day back in school. Quizzes and tests are to be made up the day of return. Exceptions must be negotiated in advance.

In case of illness, the student has two days to turn in assignments and make up assessments, up to a maximum of 2 weeks.

What other materials are needed?

Students are encouraged to have a small ruler, graph paper, and colored pencils.

Cell phones and electronic devices?

Unless permission is received from the teacher, cell phones and other electronic devices are not to be used or visible. If a device is used or seen, it will be confiscated and taken to the discipline office, whether it was in use or not. If a device is used or seen during a quiz or test, that will be considered a violation of the honor code and could result in receiving no credit.

How do I contact the teacher?

Students are provided an email account on the WCPSS email system. All communication from students with the teacher is to be done through that email. ***Student communication from personal email accounts may not be responded to.***

Honor Code

Students are expected to know and uphold the Green Hope Honor Code. Failure to uphold the letter and spirit of the Honor Code may result in disciplinary action including, but not limited to, receiving no credit for an assignment, quiz or test.